

Title (en)
SEPARATION SYSTEMS, MEMBRANE MODULES, FILTER ELEMENTS AND METHODS FOR MAKING FILTER ELEMENTS

Title (de)
TRENNSYSTEME, MEMBRANMODULE, FILTERELEMENTE UND HERSTELLUNGSMETHODEN VON FILTERELEMENTEN

Title (fr)
SYSTEMES DE SEPARATION, MODULES DE MEMBRANE, ELEMENTS DE FILTRE, ET PROCEDES DE FABRICATION D'ELEMENTS DE FILTRE

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Abstract (en)
[origin: WO9936150A2] A vibratory separation system has a drive mechanism for imparting a vibratory motion to a membrane module to enhance filtration. The membrane module comprises one or more filter elements arranged in a stack, each filter element having a separation medium. The vibratory motion imparted to the membrane module generates a dynamic flow boundary layer at the separation media. This fluid shear boundary layer, in turn, generates lift, thereby inhibiting fouling of the separation media.

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